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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/010,641	11/05/2001	Kristen L. Bhatti	10017079-1	4887

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
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EXAMINER

SINGH, SATWANT K

ART UNIT PAPER NUMBER

2626

DATE MAILED: 06/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/010,641	Applicant(s) BHATTI, KRISTEN L.	
	Examiner Satwant K. Singh	Art Unit 2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 27 July 2005.
- 2a) ☒ This action is FINAL.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-6,8-11,13,15 and 17-20 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6,8-11,13,15 and 17-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Response to Amendment***

1. This office action is in response to the amendment filed on 27 July 2001.

***Response to Arguments***

2. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, 6, 8, 10, 11, 13, 15, 17, 19, and 20 rejected under 35 U.S.C. 102(e) as being anticipated by Okimoto et al. (US 6,449,055).
4. Regarding Claim 1, Okimoto et al disclose a method for print scheduling, comprising: providing, at a user workstation, information to be printed as a print job (operator at the personal computer 4, completes preparing document data through some application program, and desires to obtain printed matter) (col. 10, lines 18-40); receiving a user input, at the user workstation, identifying a time for printing the print job (print mail transmission setting screen further request the user to inputs settings for date and time when the print data is desired to be printed at the destination) (col. 14, lines 36-41); and transmitting the print job from the user workstation to a printer at a time corresponding to the time identified by the user input (when the time has reached the

date and time specified by the mail log data, a set of mail data is read from the mail data storage are in the mailbox 40) (col. 20, lines 43-58).

5. Regarding Claim 2, Okimoto et al disclose a method, further comprising: receiving a second user input, at the user workstation identifying a date for printing the print job; and wherein the print job is transmitted to the printer on a date corresponding to the date identified by the second user input (print mail transmission setting screen further request the user to inputs settings for date and time when the print data is desired to be printed at the destination) (col. 14, lines 36-41).

6. Regarding Claim 3, Okimoto et al disclose a method, wherein the printer receives the print job at a time corresponding to the time identified by the user input and then prints the print job (Fig. 13, S970-S1000).

7. Regarding Claim 6, Okimoto et al disclose a method, further comprising: receiving a second user input identifying the printer (instruction to print the document data) (col. 11, lines 15-27)

8. Regarding Claim 8, Okimoto et al disclose a print scheduling system comprising: an input interface operative on a user workstation for receiving user input identifying a time for printing a print job (print mail transmission setting screen further request the user to inputs settings for date and time when the print data is desired to be printed at the destination) (col. 14, lines 36-41); and a processor of the workstation that is programmed to initiate transmission of the print job from the user workstation to a printer at a time corresponding to the time identified by the user input (when the time

has reached the date and time specified by the mail log data, a set of mail data is read from the mail data storage are in the mailbox 40) (col. 20, lines 43-58).

9. Regarding Claim 10, Okimoto et al disclose a print scheduling system, wherein: the input interface receives user input identifying a date for printing the print job (print mail transmission setting screen further request the user to inputs settings for date and time when the print data is desired to be printed at the destination) (col. 14, lines 36-41); and the processor is programmed to initiate the transmission of the print job to a printer on the date for printing the print job (when the time has reached the date and time specified by the mail log data, a set of mail data is read from the mail data storage are in the mailbox 40) (col. 20, lines 43-58).

10. Regarding Claim 11, Okimoto et al disclose a print scheduling system, wherein the printer receives the print job at a time corresponding to the time identified by the user input and then prints the print job (Fig. 13, S970-S1000).

11. Regarding Claim 13, Okimoto et al disclose a print scheduling system comprising: means for receiving, at a user workstation, a user input identifying a time for printing a print job (print mail transmission setting screen further request the user to inputs settings for date and time when the print data is desired to be printed at the destination) (col. 14, lines 36-41); and means for initiating transmission of the print job from the user workstation to a printer at a time corresponding to the time identified by the user input (when the time has reached the date and time specified by the mail log data, a set of mail data is read from the mail data storage are in the mailbox 40) (col. 20, lines 43-58).

12. Regarding Claim 15, Okimoto et al disclose a print scheduling system, wherein the means for initiating transmission is a digital data processor of the user workstation (Fig. 3, mailbox 40).

13. Regarding Claim 17, Okimoto et al disclose a computer readable medium having stored thereon logic comprising: determination logic for determining if a current time corresponds to a user-determined time for printing a print job (print mail transmission setting screen further request the user to inputs settings for date and time when the print data is desired to be printed at the destination) (col. 14, lines 36-41); and initiation logic for initiating the transmission of the print job from a user workstation to a printer in response to the determination logic determining that the current time corresponds to the user-determined time (when the time has reached the date and time specified by the mail log data, a set of mail data is read from the mail data storage are in the mailbox 40) (col. 20, lines 43-58).

14. Regarding Claim 19, Okimoto et al disclose a computer readable medium, wherein the computer readable medium comprises a volatile memory (Fig, 2(b) RAM 133).

15. Regarding Claim 20, Okimoto et al disclose a computer readable medium, wherein the computer readable medium comprises non-volatile memory (Fig, 2(b) ROM 138).

***Claim Rejections - 35 USC § 103***

16. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2626

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

17. Claims 4, 5, 9, and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okimoto in view of Zhang et al. (US 6,016,478).

18. Regarding Claim 4, Okimoto et al fail to teach a print scheduling method, wherein the print job comprises at least one of word processing data, spreadsheet data, graphical data, and database data.

Zhang et al teach a print scheduling method, wherein the print job comprises at least one of word processing data, spreadsheet data, graphical data, and database data (database management systems, wordprocessors, spreadsheets, and the like) (col. 4, lines 53-67).

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Okimoto with the teaching of Zhang to have the contents of the transmitted print jobs be comprised of word processing documents, spreadsheet documents, or the like to allow the user to be able to print various types of documents.

19. Regarding Claim 5, Okimoto et al fail to teach a method, wherein the printer is one of a laser printer, an ink-jet printer, an impact printer, a solid-ink printer, and a multifunction device.

Zhang et al teach a method, wherein the printer is one of a laser printer, an ink-jet printer, an impact printer, a solid-ink printer, and a multifunction device (I/O device 108 may include a laser printer, such as an HP Laserjet printer) (col. 5, lines 15-22).

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Okimoto with the teaching of Zhang to allow a user to use a variety of printing devices to output a print job.

20. Claims 9 and 18 are rejected for the same reason as claim 4.

### ***Conclusion***

21. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

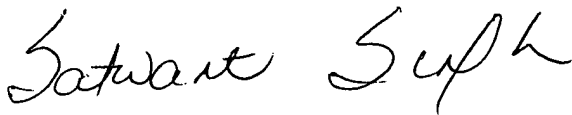
### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.



If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



sks

Satwant K. Singh  
Examiner  
Art Unit 2626



**KIMBERLY WILLIAMS**  
**SUPERVISORY PATENT EXAMINER**